

ECS Configuration Change Request

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CCR No. 961270	Logged Date 11-08-96	Rev. -	Request Type CCR
Priority Routine <input type="checkbox"/> Urgent <input type="checkbox"/> Emergency <input checked="" type="checkbox"/>	Affected Release B	Change Class II	
Title (description) Equipment for DBMS Performance Benchmark using Sybase 11 and Informix Universal Server			
Documents Affected VCATS		Source Nos (RID, NCR, Action Item, GSFC CCR, etc.) or Tech Reference	
RTM Change <input type="checkbox"/> Start New Baseline <input type="checkbox"/>			
Problem One of the results of the initial DBMS Benchmark effort was that we need to provide more processing power to the Release B SDSRV. As a result the Benchmarking Team would like to double the CPU's on the SGI Challenge L machine from 2 to 4. We believe that this will allow for the DBMS products to operate in a more efficient manner due to added processing power. There is also a need for more memory and added bandwidth for IO devices. It has been suggested by the DBMS vendors that we should have 1GB of memory when we currently only have 512 MB. Also note that as a result of the Tiger Team, more processing power was added to this subsystem for the Release B timeframes.			
Proposed Solution We would like to fully utilize the hardware available in MSFC-3 that is not currently being used to add the desired level of hardware needed to provide a better testing environment. This machine is the one that was brought over to the EDF along with MSFC-2 (Lagos, current machine). We are currently using the RAID and one 256MB Memory board out of this machine. We would like to use the CPU and possibly the IO4 or memory boards that may be remaining in the machine. I know the location of the machine and it is not being used at this point. This equipment will be			
Impact Analysis: Organizations Affected: BOO <input type="checkbox"/> Contracts <input type="checkbox"/> ESO <input type="checkbox"/> FOS <input type="checkbox"/> M&O <input type="checkbox"/> QA <input type="checkbox"/> Rel. A <input type="checkbox"/> Rel. B <input checked="" type="checkbox"/> Rel. IR1 <input type="checkbox"/> MRS <input type="checkbox"/> SMO <input type="checkbox"/> Subconts <input type="checkbox"/> A.1 <input type="checkbox"/> Other _____ Cost: None <input checked="" type="checkbox"/> Small <input type="checkbox"/> Medium <input type="checkbox"/> Large <input type="checkbox"/> (Not exceeding \$100,000) (\$100,000 to \$500,000) (Over \$500,000) Schedule: None <input type="checkbox"/> Other _____ Additional LOC _____ Man-Months _____ Materials _____			
Originator <u>N. Wayne Lewis</u> _____ Signature _____ Date _____ Office _____ Office Manager _____ Signature _____ Date _____			
Disposition Approved <input type="checkbox"/> Approved w/Comment <input type="checkbox"/> Forward <input type="checkbox"/> Disapproved <input type="checkbox"/> Comments: CCB Chairperson _____ Signature _____ Date _____			